

(VIEWED FROM BELOW)

INSTALLATION	(REF) WEIGHT, using C208ELP-2150 -1 THRU -5 COMPONENTS	(REF) WEIGHT, using C208ELP-2150 -11 THRU -15 COMPONENTS	CTR-of-GRAVITY (F.S., inches, REF)
C208ELP-110-1	19 LBS	17 LBS	157
C208ELP-110-2	31 LBS	28 LBS	285
C208ELP-110-3	14 LBS	13 LBS	164

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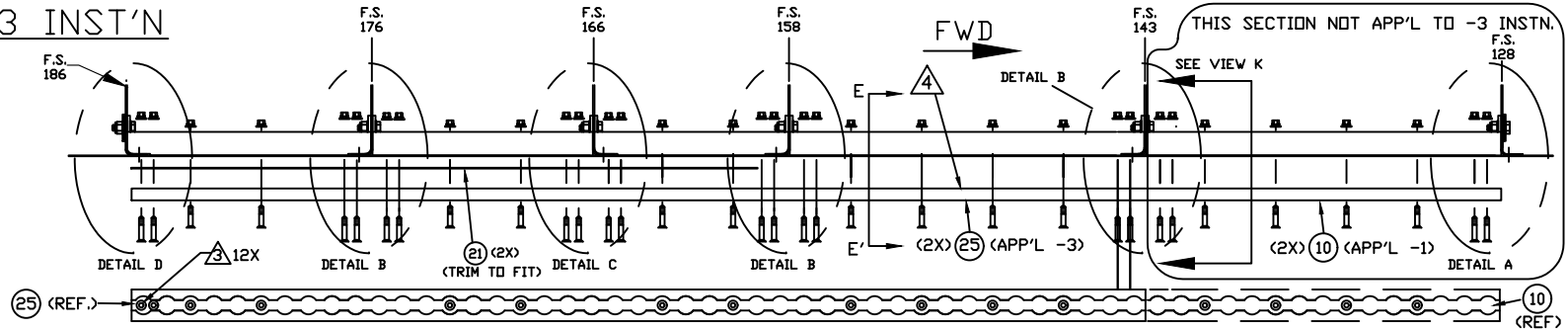
SHEET	REV	ECO	DATE	DESCRIPTION	BY	APR	CHK
1-4	A		04/29/2009	ADDED ITEM 24 & SUB-DETAIL J. ADDED 0.634±0.030 TO DETAILS A,D,G. NOTE 2: #0.166 WAS #0.185. ADDED REFERENCE NOTE TO APPLICABLE STATIONS	REB		LS
1-4	B		06/07/2010	06/27/2010: CRCTN -1/-2 ESTIMATED INST'N WEIGHT WAS 39 LBS AT FS 236. 01/20/2010: ITEM NO. CORRECTION FS# 186-176-166. NOTE 1 WAS 'CUT TO LENGTH AS REQ'D. APPLY ZINC CHROMATE FINISH.' 02/19/2010: ITEM 25 WAS ITEM 16. 06/07/2010: ITEMS 27/28/29/30 REPLACE ITEMS 16/26/15/18.	REB	REB	LS
1-5	C		10/26/2010	ADDED SHT 5, -3 INSTALLATION, TORQUE SPEC'N ADDED VIEW K, DOUBLER INST'N, REF VIEWS R,L,S. ADDED DETAIL Q. NOTE 5 WAS REMOVE RIVETS ONLY.	REB	REB	LS
1-6	D		07/07/2011	ADDED SHT 6, RESISTANCE CHECK PROCEDURE EXPANDED INSTRUCTIONS, NOTES 15, 13.	REB	REB	LS
1,3,4	1		02/09/2015	CHANGED NOTE 1 FOR TRIMMING OF FORWARD END OF ITEM 12; ADDED NOTE 1 TO ITEM 12 SHT 3 AND DETAIL G SHT 4; RE-WORDED DETAIL F STATION LINES.			

NOTES:

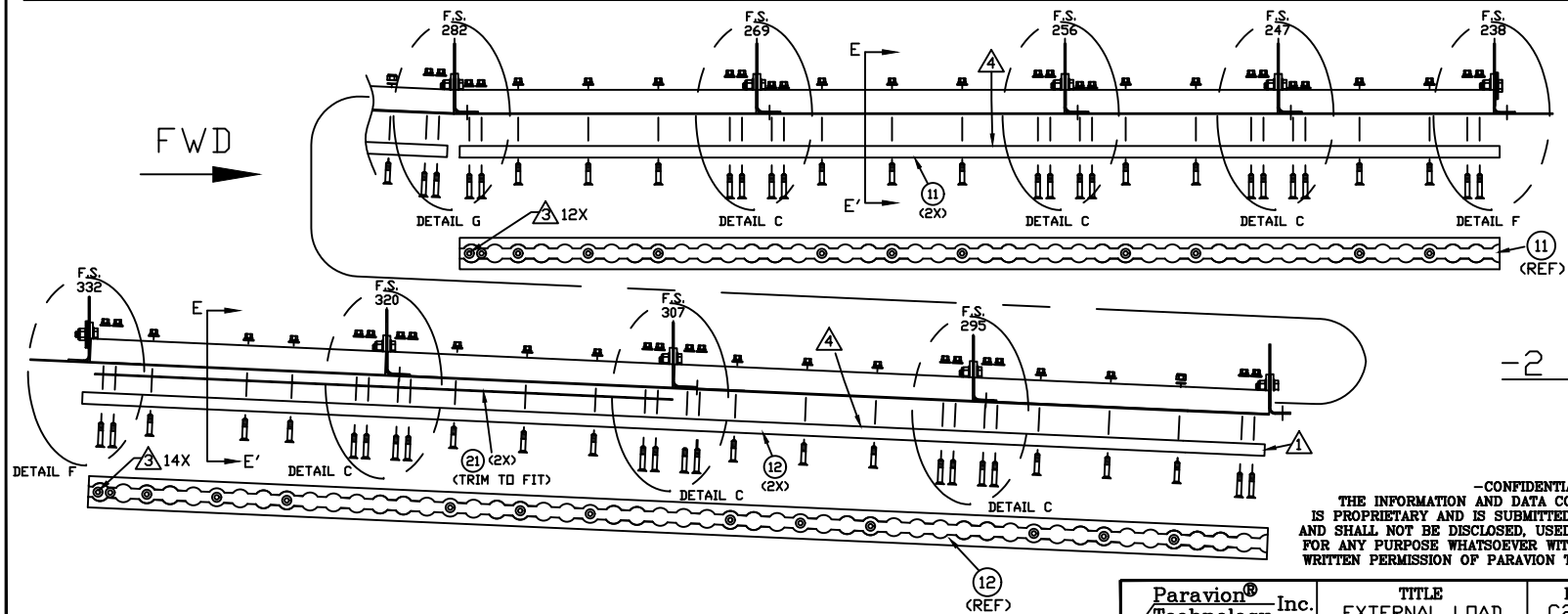
- △ TRIM FROM UN-NOTCHED END OF CHANNEL BEAMS OR FORWARD END OF ITEM (12), TO LENGTH AS REQUIRED. NOTCHED END MUST BE TRIMMED FOR INSTALL AT FS's 332-320, 176-166, (& 143-128, -1 INST'N ONLY).
- (a) APPLY PROTECTIVE FINISH TO BARE MATERIAL AS FOLLOWS:
PREP SURFACE PER MIL-DTL-5541F USING MIL-DTL-81706B. SURFACE TREATMENT PER MFR'S INSTRUCTIONS.
(b) FINISH USING MIL-PRF-23377 TYPE 1 OR MIL-PRF-85582D TYPE 1 PRIMER, MIL-85285D TYPE 1 OPTIONAL. FINISH PER MFR'S INSTRUCTIONS AS APP'L.
- △ MATCH DRILL ± 0.003 .
(a) SPOT FINISH PER △ a. ASSEMBLE, TEST PER △
FINISH PER △ b.
- △ PREDRILLED HOLE
- △ SEAL USING MIL-S-8802F CLASS B2 SEALANT.
- △ REF. DETAIL Q, REMOVE EXISTING BULKHEAD ATTACH RIVETS IN CONFLICT WITH RAILS INST'N. REPLACE USING DOUBLE-FLUSH AT SPACING EQUAL/LESS THAN EXISTING.
- △ MATCH DRILL $\pm 0.375^{+0.003}_{-0.000}$. △, △
- △ MATCH DRILL $\pm 0.128^{+0.003}_{-0.000}$. △, △
- △ ADJUST UNDER NUT WASHER THICKNESS/QUANTITY AS REQUIRED TO ACCOMMODATE FASTENER GRIP LENGTH. NOT APPLICABLE WHERE △ IS INDICATED.
- △ TRIM WASHERS AS NEEDED TO CLEAR EXISTING STRUCTURE.
- △ WHERE REQUIRED, TRIM LIGHTENING HOLE FLANGE TO PROVIDE NO GREATER THAN 1/8 INCH CLEARANCE FROM INSTALLED CHANNEL OR DOUBLER.
11. TORQUE NAS1580C3 SCREWS 75-80 IN.-LB. PLUS LOCK-NUT DRAG. TORQUE AN6 BOLTS 160-180 IN.-LB. PLUS LOCK-NUT DRAG. INSTALL RIVETS IN ACCORDANCE TO MIL-R-47196A(MD)
- △ INSTALLATION MUST BE TESTED TO VERIFY ELECTRICAL BOND. SEE DETAIL T.
- △ SPOT BURNISH CONTACT AREAS TO BARE METAL PER ARP1870. FINISH PER NOTE 2a.

Paravion® Technology Inc.		TITLE EXTERNAL LOAD PROVISIONS INST'N		DRAWING NO. C208ELP-110 SEE BILL-OF MATERIALS DOCUMENT	
DIMENSIONS IN INCHES	DRAWN BY BNS	APRVD. BY REB	CHK'D BY LS	DATE 10/17/08	REV D
TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°	DO NOT SCALE DRAWING			ECO 1	SHEET 1 OF 6
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-1/-3 INST'N



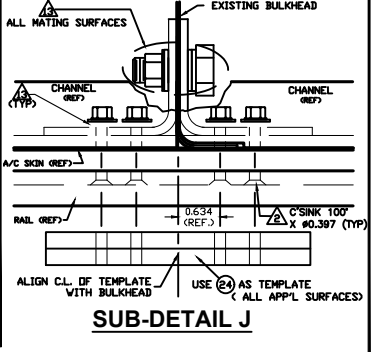
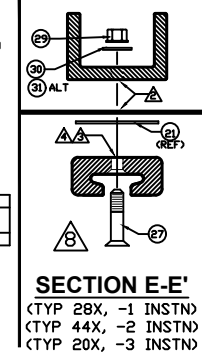
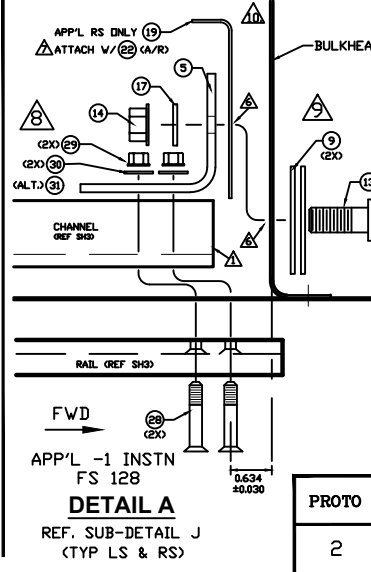
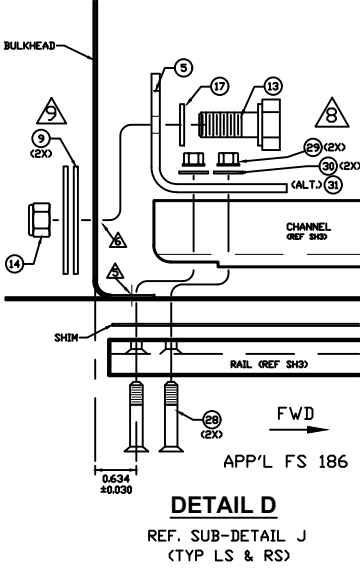
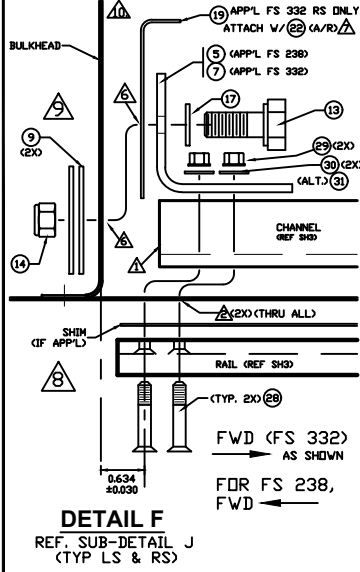
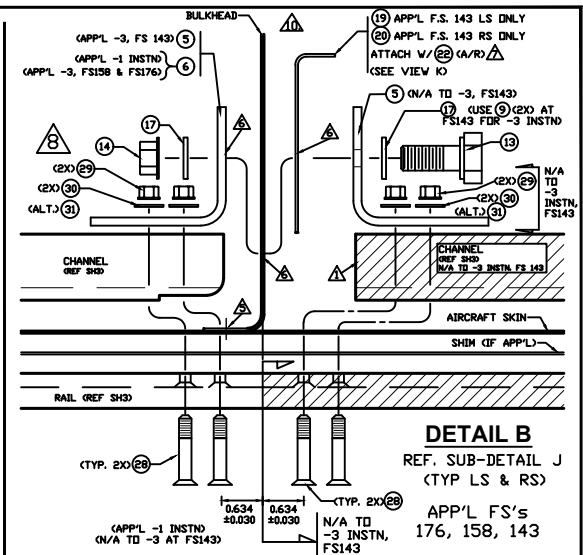
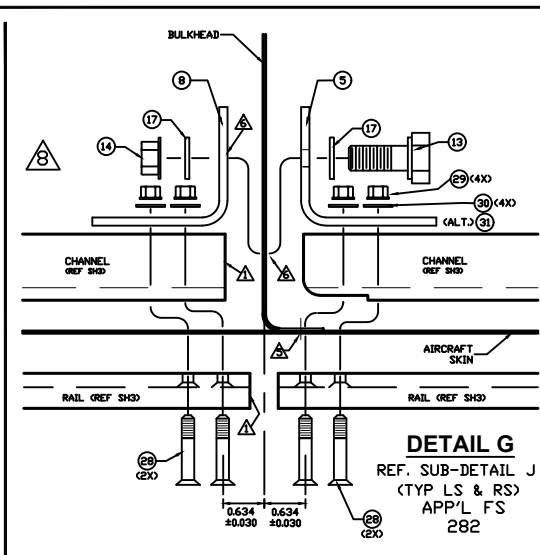
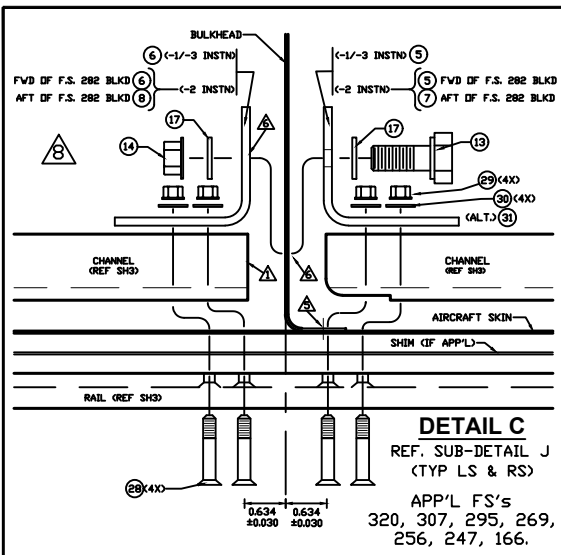
FWD



-2 INST'N

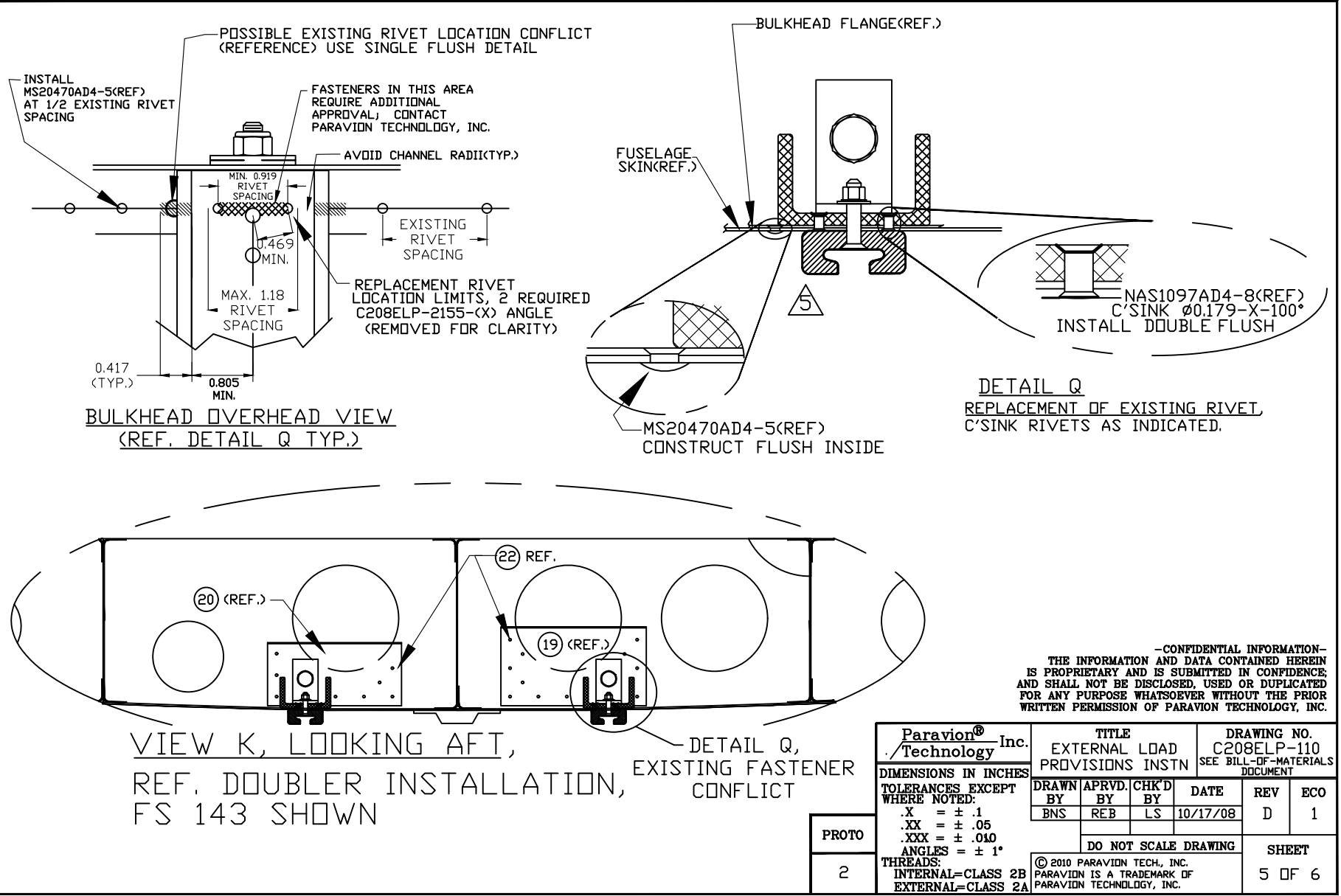
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PROTO 2		DO NOT SCALE DRAWING		REV D	ECO 1
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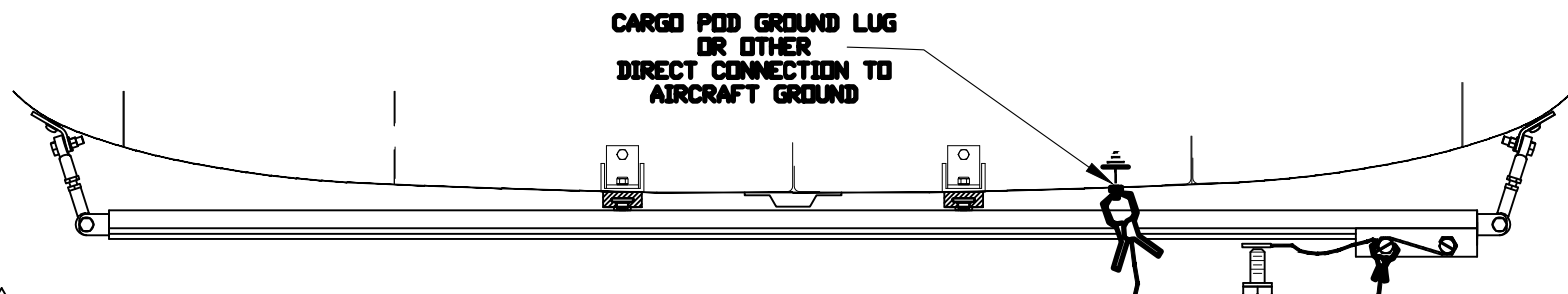
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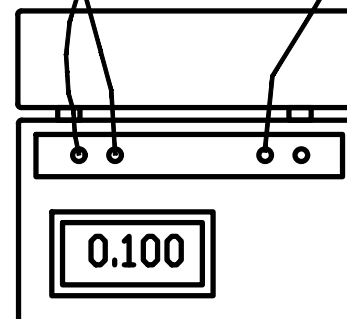
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12.

BONDING TEST PROCEDURE

1. INSTALL C208ELP-2210-X LOAD BEAM PER DRAWING C208ELP-112
2. INSTALL C208ELP-2220-1 MOUNT BLOCK PLUS GROUND STRAP PER DRAWING C208ELP-112
3. USING CALIBRATED MILLI-OHMETER, TEST RESISTANCE FROM MOUNT BLOCK TO AIRCRAFT GROUND PLANE, NOT TO EXCEED 100 MILLI-OHM (0.100 OHM).
4. REPEAT FOR EACH LOAD RAIL SECTION. RECORD RESULTS IN AIRCRAFT LOG BOOK.



DETAIL T

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